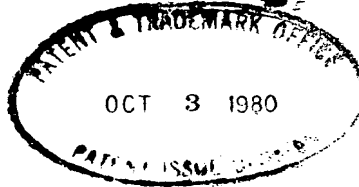




IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Application of

KENNETH CHADWICK MURDOCK and
FREDERICK EMIL DURR

Serial No.: 63,285

Group: 117

Filed: August 2, 1979

Examiner: J. Goldberg

1,4-BIS(SUBSTITUTED-AMINO)-5,8-
-DIHYDROXY-ANTHRAQUINONES AND LEUCO
BASE THEREOF

September 19, 1980

RECEIVED

SEP 29 1980

GROUP 110To the Commissioner of Patents and Trademarks
Washington, D.C. 20231**RECEIVED**

NOV 12 1980

S I R :

A M E N D M E N T

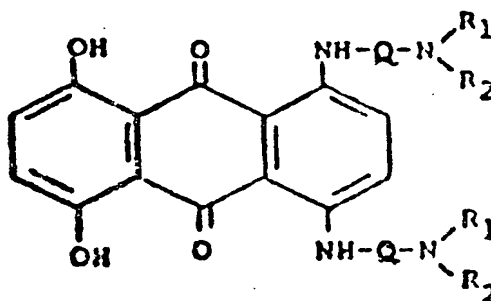
GROUP 120

In response to the Office Action of September 9,
1980, please amend as follows.IN THE CLAIMS:

Cancel all claims pending in this application.

Add the following claims:

1. A pharmaceutical composition in dosage unit
form comprising from about one to about 30 mg. of a compound
selected from the group consisting of those of the formula:



wherein Q is a divalent moiety selected from the group con-
sisting of those of the formulae: